BUDGET EXTRACT DOCUMENTS FOR E-GOVERNANCE

INSTITUTIONAL BUDGET STATEMENTS ALLOCATED FOR THE HEADS OF

E_GOVERNANCE IMPLEMENTATION

YEAR	BUDGET ESTIMATE	EXPENDITURE
2022-23	Rs. 150000	Rs. 118000

GHEVADE MAHAPURKAR & ASSOCIATES

Chartered Accountants

CA. K. S. PATIL
B.Sc.(Hons) F. C.A.
Partner

Flat No. 2, Station View Apartment
Ghorpade Galli,
Behind M/s. Rote Brothers,
Shahupuri,
Kolhapur- 416001
Ph.(0231) 2659392, 9822095270

AUDIT REPORT OF SHIVTEJ AROGYA SEVA SANSTHA'S
YOGITA DENTAL COLLEGE & HOSPITAL, KHED
FOR THE YEAR ENDED ON 31ST MARCH 2023

We have completed Audit of the attached Balance Sheet of **SHIVTEJ AROGYA SEVA SANSTHA'S, YOGITA DENTAL COLLEGE & HOSPITAL, KHED** (hereinafter referred as "College") as at **31st March 2023** and the Income & Expenditure Account for the year ended on that date annexed thereto. These financial statements are the responsibility of the Principal and Management of the College. Our responsibility is to express an opinion on these financial statements based on our Audit.

We conducted our Audit in accordance with auditing standards generally accepted in India. Those Standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by Principal Of the College, as well as evaluating the overall financial statement presentation. We believe that our audit provides reasonable basis for our opinion.

We report that,

A) We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purpose of our audit.

B) In our opinion, proper books of account have been kept by the College so far as appears from our examination of those books.

C) The Balance Sheet and Income and Expenditure Account dealt with by this report are in agreement with the books of accounts.

D) In our opinion and to the best of our information and according to the explanations given to us, the said accounts, give a true and fair view in conformity with the accounting principles generally accepted in India :

a) In the case of the Balance Sheet, of the state of affairs of the College as at 31st March **2023**, and

b) In the case of Income And Expenditure Account, of the **Surplus** for the year ended on that date.

We enclose herewith our detailed observations and suggestions, which should be read together with this audit report.

We are thankful to the Principal and staff members for the co-operation extended during the course of Audit.

For M/s Patil Ghevade Mahapurkar & Associates
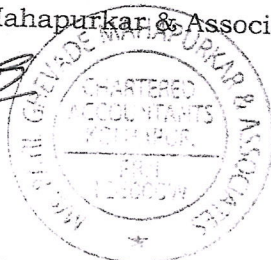Chartered Accountants

CA. Kashinath S. Patil
(Partner)
M. No. 118103
UDIN – 23118103BGWHZ18797
Place – Kolhapur
Date – 04/09/2023

M/s. PATIL GHEVADE MAHAPURKAR & ASSOCIATIES

Chartered Accountants

CA. K. S. PATIL
B.Sc.(Hons) F. C.A.
Partner

Flat No. 2, Station View Apartment
Ghorpade Galli,
Behind M/s. Rote Brothers,
Shahupuri,
Kolhapur- 416001
Ph.(0231) 2659392, 9822095270

AUDITOR'S REPORT

(Referred to my report on the even date of SHIVTEJ AROGYA SEVA SANSTHA'S, YOGITA DENTAL COLLEGE & HOSPITAL, KHED)

1] SIGNIFICANT ACCOUNTING POLICIES
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i) Method of Accounting :- The maintaining books of accounts on Mercantile system of accounting recognizing significant items of income and expenditure on accrual basis.

ii) Fixed Assets and Depreciation :- Fixed assets are valued at cost less depreciation. Depreciation on fixed assets is provided on written down value basis at the rates prescribed under Income Tax Act, 1961.

2] SPECIFIC REMARKS
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iii) Cash in Hand :- The cash balance as on 31st March **2023** was not physically verified by us.

iv) Maintenance of Proper Registers :- Postage register, trunk call register, fixed assets register are not maintained or not produced for our verification.

3] GENERAL REMARKS
----

v) The College is owned, run and managed by SHIVTEJ AROGYA SEVA SANSTHA'S KHED (hereinafter called "the society") and hence the surplus earned or deficit suffered by the College is born by the the parent body viz. the society. Thus the surplus / deficit incurred by the College is transferred to the society to give a true and fair view of the State of Affairs in the Balance Sheet as on 31st March **2023**.

vi) Advances taken / repaid to the Society :- No documentation is produced in respect of advances taken from / repaid to the Society.

For M/s Patil Ghevade Mahapurkar & Associates
Chartered Accountants

CA. Kashinath S. Patil
(Partner)
M. No. 118103
UDIN - 23118103BGWHZ18797
Place – Kolhapur
Date – 04/09/2023

M/s. PATIL GHEVADE MAHAPURKAR & ASSOCIATIES

Chartered Accountants
CA. K. S. PATIL
B.Sc.(Hons) F. C.A.
Partner

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Ghorpade Galli,
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Shahupuri,
Kolhapur- 416001
Ph.(0231) 2659392, 9822095270

SHIVTEJ AROGYA SEVA SANSTHA'S
YOGITA DENTAL COLLEGE & HOSPITAL, KHED
NEAR NARANGI RIVER, KHED DAPOLI ROAD, TAL - KHED, DIST - RATNAGIRI

BALANCE SHEET AS ON 31/03/2023

Liabilities	Amount Rs.	Assets & Properties	Amount Rs.
Unsecured Loan:-		**Fixed Assets:-(At Cost)** (Annexure I)	22,05,86,606.00
1) Advance from Sainik School Hostel	16,20,285.00		
2) Student Deposits	2,83,63,950.00	**Investments:-**	
		1) Security Deposit - MSEDCL	2,05,980.00
Current Liabilities:-		2) Bank of Maharashtra - FD	1,01,00,000.00
		3) ICICI Bank - FD	60,00,000.00
1) Creditors for Goods, Services & Exp. (Annexure II)	1,07,49,514.00	**Current Assets:-**	
2) Shivtej Arogya Seva Sanstha	33,22,78,860.65		
3) NIOS Cash Book	27,476.00	1) Loans And Advances (Annexure IV)	2,73,20,484.00
4) Income Tax	1,91,706.00		
Employee PF Contribution	(69,090.00)	2) P.G. Cash Book	1,37,45,057.40
6) Bank of Maharashtra - OD	-	3) Printing & Stationery Stock	-
7) Salary Payable	2,52,36,430.20	4) T.D.S. Payable *(Deducted on Advances)*	32,683.00
8) Honorarium to Visiting Faculties Payable	6,99,449.00	5) T.D.S. Receivable	1,56,152.00
9) Student Deposit	-	6) Interest Receivable on FD	9,54,827.00
10) TDS Payable	2,22,556.00	7) Siddhayog Law College	10,92,160.66
11) Exam advance from MUHS	5,23,022.00	8) Matoshree Vrudhashram	5,500.00
12) PHD Cash Book	1,17,500.00	9) Cash & Bank Balance	
		i) Cash in Hand	45,46,128.35
		ii) Closing Bank Balance (Annexure V)	3,69,76,026.28
		Income & Expenditure Account (Annexure III)	7,82,40,054.16
Total:-	39,99,61,658.85	**Total:-**	39,99,61,658.85

Subject to our separate report of even date

For M/s Patil Ghevade Mahapurkar & Associates
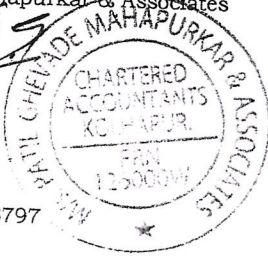Chartered Accountants

(CA. Kashinath S. Patil)
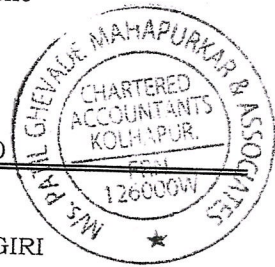Partner
Membership No. 118103
UDIN - 23118103BGWHZI8797

Place :- Kolhapur
Date :- 04/09/2023

Principal
Yogita Dental College & Hospital, Khed

SHIVTEJ AROGYA SEVA SANSTHA'S
YOGITA DENTAL COLLEGE & HOSPITAL, KHED
NEAR NARANGI RIVER, KHED DAPOLI ROAD, TAL - KHED, DIST - RATNAGIRI

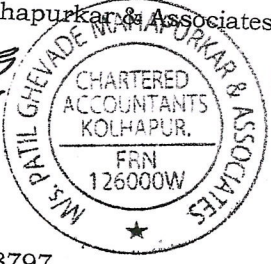## INCOME & EXPENDITURE ACCOUNT FOR THE PERIOD ENDED 31/03/2023

Income	Amount Rs.	Expenditure	Amount Rs.
1) Tuition Fees	11,50,35,170.25	1) Salary Expenses	
2) Bank Interest	3,00,952.00	a) Teaching Staff	3,74,23,803.00
3) Alumni Income	6,000.00	b) Non Teaching Staff	2,34,61,748.00
4) Earn & Learn Grant	80,500.00	2) Repair & Maintenance	76,37,900.00
5) FD Interest	45,81,903.45	3) Electricity Bill	40,96,627.00
		4) Professional Charges	34,29,980.00
		5) Consumable Chemical & Laborator	22,37,520.00
		6) Travelling Expenses	13,33,738.00
		7) Tour Expenses	10,87,843.00
		8) Vehicle Maintenance	10,71,181.00
		9) Diesel For Generator	9,86,590.00
		10) Employer Pf Contribution	8,15,263.00
		11) Student Journal Printing Expense	6,56,654.00
		12) Camp Expenses	6,00,312.00
		13) Gardening Expenses	5,86,586.00
		14) Annual Gathering Expenses	5,47,360.00
		15) Staff Uniform	5,38,309.00
		16) Misc. Expenses	4,90,498.00
		17) Printing & Stationery	4,37,865.00
		18) Vehicle Insurance	4,36,776.00
		19) Exam Remuneration, Exam Mater	4,21,257.00
		20) Sport Expenses	3,96,800.00
		21) Other Student Activities & Progra	3,85,385.00
		22) Bank Interest & Bank Charges Ex	3,82,652.45
		23) Audit Fees	3,54,000.00
		24) Dci Yearly & Inspection Fee	3,54,000.00
		25) Convocation Programme Expenses	3,33,305.00
		26) Continuation Of Affiliation Fees Pa	3,00,000.00
		27) Naac Registration & Inspection Fe	2,95,023.60
		28) Plant Expenses	2,85,400.00
		29) Staff Welfare	2,56,297.00
		30) Property Tax	2,53,305.00
		31) College Website Design	2,00,000.00
		32) Fees Paid To University	1,98,090.00
		33) AMC Charges	1,97,000.00
		34) Conferences Seminar - Faculties	1,39,525.00
		35) Transportation Charges	1,23,750.00
		36) Exam Fee Paid To University	1,07,697.00
		37) Ara Processing Fee	1,05,000.00
		38) Cleaning Expenses	91,884.00
		39) Fra Processing Fee	86,899.80
		40) Office Expenses	81,775.00
Balance C/d	12,00,04,525.70	*Balance C/d*	9,32,25,598.85

(Page.......2)

Balance C/d	12,00,04,525.70	Balance C/d	9,32,25,598.85
		41) College Building Insurance	80,830.00
		42) Pf Admin Charges	67,947.00
		43) Staff Room Rent	66,000.00
		44) Practical Expenses	65,289.00
		45) Bus Road Tax	41,807.80
		46) Software - Diagnostic Lab	41,300.00
		47) Advertisement Expenses	39,312.00
		48) Apron Expenses	36,000.00
		49) Cd Programme Expenses	32,040.00
		50) Internet Expenses	31,260.00
		51) Xerox Expenses	23,415.00
		52) Mobile Booster For Network	21,000.00
		53) E - Library	19,470.00
		54) Postage & Courier	18,554.00
		55) Telephone Bill	17,715.00
		56) Photography	12,000.00
		57) Id Card Expenses	11,500.00
		58) Fastag Registration & Recharge	11,450.00
		59) Oral Hygiene Day Expenses	10,010.00
		60) Student Insurance Policy	50.00
		41) Depreciation	65,29,975.00
		Surplus Carried over to Balance Sheet	1,96,02,002.05
Total:-	12,00,04,525.70	Total:-	12,00,04,525.70

Subject to our separate report of even date

For M/s Patil Ghevade Mahapurkar & Associates
Chartered Accountants

(CA. Kashinath S. Patil)
Partner
Membership No. 118103
UDIN - 23118103BGWHZI8797

Place :- Kolhapur
Date :- 04/09/2023

Principal
Yogita Dental College & Hospital, Khed

SHIVTEJ AROGYA SEVA SANSTHA'S

YOGITA DENTAL COLLEGE AND HOSPITAL

(Recognized by Dental Council of India, New Delhi & Affiliated to Maharashtra University of Health Science, Nashik)

TAX INVOICE

Client Name	Yogita Dental College & Hospital	Invoice No	CHIPL/2021-22/089
Billing Address	Naringi Riverside, At Post Tal Dist. SH104, Khed, Maharashtra 415709	Invoice Date	Monday, December 20, 2021
Ship to Address	Naringi Riverside, At Post Tal Dist. SH104, Khed, Maharashtra 415709	PO Number	YDCH/2017/480/2021
Concenred Person		PO Date	Monday, December 20, 2021
Mode of Payment	NEFT /Cheque / DD Payable at Pune	Payment Terms	Rs.472000/- advance along with PO Rs.177000/- on Installation. Rs.177000/- On Go-Live

SR. NO.	DESCRIPTION	SAC CODE	QTY	RATE	AMOUNT (INR)
1	HSPA & MIMS,HIMS Software Implementation & Training : Onsite Deployment : Outsite (Online)	998313	1	Rs. 700,000.00	Rs. 700,000.00
				TOTAL	Rs. 700,000.00
				ADD: 9% CGST	Rs. 63,000.00
				ADD: 9% SGST	Rs. 63,000.00
				TOTAL INVOICE AMOUNT	Rs. 826,000.00
AMOUNT IN WORDS		INR FOUR LAKHS SEVENTY TWO THOUSAND ONLY			
Service Description		INFORMATION TECHNOLOGY (IT) CONSULTING AND SUPPORT SERVICES			
GST ID No		27AAFCC6917L1ZA	For Cellbeans Healthcare Informatics Pvt.Ltd.		
PAN		AAFCC6917L			

Bank Details
COMPANY: CELLBEANS HEALTHCARE INFORMATICS PVT. LTD.
BANK: YES BANK
BRANCH: PUNE
ACCOUNT NO: 055184600001297
ADDRESS: Galaxy Society, Dhole Patil Road, Bund Garden,
Pune, Maharashtra. PIN - 411 001
DISTRICT: PUNE | STATE: MAHARASHTRA | COUNTRY: INDIA |
IFSC CODE: YESB0000551
SWIFT CODE: YESBINBB

Authorized Signatory

CellBeans

CBHI H-SPA & MIMS Installation Certificate on Application Server

Date:

22.12.2021

To,
Mr. Swapnil Joshi
Cellbeans Healthcare Informatics Pvt. Pune.

This is to certify that CBHI H-SPA and MIMS Application installation has been completed successfully on **Application Server (IP Address: 192.168.1.12)** on date 22.12.2021.

- **Application Server Configuration:**
  Server Name: Windows Server
  IP Address: 192.168.1.12
  RAM: 16GB

- Following Prerequisites software has been installed successfully on Application server.

  ✓ JDK 8
  ✓ Apache tomcat 8.5
  ✓ MYSQL 5.7 Database
  ✓ Mysql Front
  ✓ Xampp Server
  ✓ Winrar
  ✓ Notepad ++

We can use below link and credentials for open H-SPA & MIMS application on Server and Client PC.

CellBeans Healthcare Informatics Pvt. Ltd.
Sai Heritage, 3'rd floor, Baner Rd, near State Bank of Mysore, Baner, Pune, Maharashtra 411045
www.cellbeans.com

1.1 About CellBeans Healthcare Informatics Pvt. Ltd (CBHI)

CellBeans

- Our Team having 25+ Years of Experience in Consultancy, Analyzing, Image Informatics, Projects, Developing Quality Products and Solutions Within the budget & deadlines.

- Team of Doctors, Consultants, and Engineers are dedicatedly working to make the Product effective with advanced Technology, to make application user Friendly. So as to build solutions in the stipulated time.

- Our aim is to make Medical Imaging Solutions Simple, accessible, affordable and useful across the globe. Our services reach out to the specialized medical experts and the common human being of the world.

- We also provide Web Based Platform, Low Cost and Affordable Solution

CellBeans Healthcare Informatics Pvt. Ltd.
Sai Heritage, 3'rd floor, Baner Rd, near State Bank of Mysore, Baner, Pune, Maharashtra 411045
www.cellbeans.com

1.3. Product Overview

Description: Medseva HIMS Software Solution

The Multi-specialty Web Based Application comprises of the latest Healthcare Enterprise Management System. It works as an end to end software across the Healthcare organization or Program and covers all the key facets of operations and management. It empowers the Healthcare Service Providers (HSP) to enhance the functional efficiency, reduce the cost & medical errors and improve the quality of treatment and care

HIMS
MEDICAL COLLEGE MANAGEMENT

MIMS (MEDICAL INSTITUTE MANAGEMENT SYSTEM)

This software is specially made for Medical Institute Management for Student and Postgraduate Faculty Management. Multi-specialty Web Based Application comprises of the latest Healthcare Enterprise Management System. It works as an end to end software across the Healthcare organization or Program and covers all the key facets of operations and management. It empowers the Healthcare Service Providers (HSP) to enhance the functional efficiency, reduce the cost & medical errors and improve the quality of treatment and care

Product functional workflow

Feature Comparison- Following table depicts the features and functionalities comparisons of CellBeans MedSeva Application Editions.

Sr. No.	Modules	Enterprise Made for enterprise level Hospital
1	Patient Registration	Yes
2	Out Patient Department (OPD) Management	Yes
3	Billing	Yes
4	Electronic Medical Record (EMR)	Yes
5	Purchase- Inventory Management	Yes
6	Store- Inventory Management	Yes
7	MIS and Reports	Yes
8	Dashboard	Yes
9	MCI	Yes

Sr. No.	Modules	Enterprise Medical Institute Management System
1	Student Management	Yes
2	Exam Section	Yes
3	Hostel Management	Yes
4	Library Management	Yes
5	Purchase- Inventory Management	Yes
6	Dashboard	Yes
7	MIS	Yes
8	Alumni Student list	New Development
9	Commitee Managemnt	New Development
10	Exam report (MIS)	New Development
11	Camp Report (MIS)	New Development

CellBeans Interfacing Services Details:

    a. Webcam Interface
    b. Lab Machine Interface & Radiology Machine
    c. Integration with Tally (FAS) or any other financial accounting systems, as selected by the client
    d. Barcode Generation and Printing
    e. SMS and Email NotificationCellBeans Services:
    a. Implementation,
    b. Users Training (Functional and Administrative),
    c. Application Support

The above-mentioned services is integral part of the product (perpetual license) offered to the client.

MedSeva™

1. **APPOINTMENT (PATIENT)**

   Sub-Module: Book an Appointment for New Patient for Doctor, Department or Procedure

   Workflow:
   I.   Book an Appointment-New Patient
   II. Book an Appointment- Registered Patient
   III. Appointment Manager (Phone, Email, Website and Walk-in)

2. **REGISTRATION (PATIENT)**

   Sub-Module: Registration – (Patient)

   Workflow:

   Capture
   I.   Demographic Information
   II. Sponsor's Information
   III. Visit Information
   IV. Patient Photo
   V.   Scan Patient's Document
   VI. Scan Patient Insurance Card

   Create
   I.   Medical Record No / Patient Registration Number/ Unique Patient Identification No.
   II. Patient Card (Hospital)

3. **OUT PATIENT DEPARTMENT (OPD) MANAGEMENT**

   Sub-Module: Queue Management

   Workflow:
   I.   View Patient List for OPD Consultation (MR. No., Visit ID, Patient Name, Mobile No. Age, Gender, Visit Date and Time, Doctor, Department, Sub Department, Unit, Visit Type, Patient Source)
   II.   Call Patient for Consultation
   III. Close Visit
   IV.   Token Status
   V.   View Bill
   VI.   Access EMR
   VII. Print Blank Case Paper
   VIII. Virtual Encounter
   IX.   Print Barcode (MR. NO.)
   X.   Receipt
   XI.   Cancel Visit

   Sub-Module:
   I.   OPD
   II. IPD
   III. Emergency
   IV. Other ancillary services, as offered by the Hospital

   Workflow:
   I.   Advance Collection (Patient and Corporate)
   II. Bill Generation (Patient, Insurance, TPA and Corporate)
   III. Bill Settlements (Patient, Insurance, TPA and Corporate)
   IV. Bill Adjustments/ Reconciliation (Credit and Debit Notes)

V.   Manage Concessions/ Discounts
VI.   Refunds (Against Advance and Bill)
VII. Cancellation (Bill and Receipt)
VIII. Package Deal Designer (Health Plans)
IX.   Tariff (Rate Card) Designer
X.   Multiple Pay Out Options (Cash, Cheque, Credit Cards, Debit Cards, Advance)
XI.   Claim Processing for Insurance Patients (Generate, Send for Approval, Track the Pending Approval, Categorize the claim content into Approved and Rejected, Settlement)

EMERGENCY DISCHARGE

4. ELECTRONIC MEDICAL RECORD (EMR)

Sub-Module: Electronic Medical Record & Patient Chart Management

Workflow:

I.   Patient Medical Timeline Management
II.   View (Previous Case Paper, Vital Details, Diagnosis, Investigation, Prescription, Doctor's Advice, Allergy, Symptoms, History, Chief Complaints)
III. EMR
IV.   Primary Assessment: Patient Medical History, Chief Complaint, Symptoms, Non-drug and Drug Allergy
V.   Vital Details: Height, Weight, BMI, body Temperature, Pulse, Respiration Rate, Sys Blood Pressure, Dia Blood Pressure, Mean Arterial Pressure (MAP), SpO2, Blood Glucose, Hemoglobin, FAT, Muscle Mass, Remark.
VI.   Diagnosis: ICD 10 Codes (Provisional and Final Categorization)
VII. Doctor's Advice
VIII. Clinical Procedure
        a. Doctor's Advice / Treatment Plan
        b. Follow-up Consultation Scheduling
        c. CPOE – Services
        d. CPOE – Prescription
IX.   Clinical Screening Forms
X.   Upload Patient External Document
XI.   Diagnostics View
XII. Referral Letter

XIII. Immunization and Vaccination
XIV. orkflow:
I.   Profiling (Service Rendering)
II.   Daily Nursing Assessment
III. EMR (Restricted Access) – CPOE (Nurse Order (Service and Prescription (Drugs and Consumables))), Vital Details, File Linking

5. PURCHASE- INVENTORY MANAGEMENT

Sub-Module: Purchase- Inventory Management

Workflow:

I.   Opening Balance (Entry/Import)
II.   Enquiry
III. Quotation
IV.   Purchase Order with Approval
V.   Goods Receipt Note with Approval
VI.   Goods Receipt Note Return with Approval
VII. Barcode Generation and Printing
VIII. Scrap Sale
IX.   Expired Items Return
X.   Stock Adjustment
XI.   Vendor Management
XII. Credit Note Log Management

6. STORE- INVENTORY MANAGEMENT

Sub-Module: Store- Inventory Management

Workflow:

I. Indent to Store
II. Store Issue (with or without Indent)
III. Store Return
IV. Current Available Stock.
V. Stock Level Management (Min, Max, Avg, Critical)
VI. Generate Indent for Stock (Min and / or Critical)

Sub-Module: User Administration and Configuration Management

Workflow:

I. Masters Management
II. Quality Management
III. User Management with role-based security and definitions
IV. Application configuration (Defaults and Policies)
V. Printer Configuration
VI. Data Backup and Restore
VII. Rights Template
VIII. Configuration
IX. Notification: SMS & Email
X. Alerts- Process Flow Validation

7. MIS AND REPORTS

i. Patient Report (OPD)
ii. Financial Reports, including Dashboard, KPIs, Revenue Mix, Doctors Payout, etc.
iii. Master Reports
iv. Investigation
v. Subspecialty/Patient Category Wise Revenue, Cost & Margin Analysis Reports
vi. Any other reports, which is critical for hospital smooth operation, administration and internal controls

8. DASHBOARD

Dashboards (Departmental, Administration and Management)

i. OPD
ii. Billing
iii. Inventory
iv. Service
v. Business Analysis

CellBeans Healthcare Informatics Pvt. Ltd.
Sai Heritage, 3'rd floor, Baner Rd, near State Bank of Mysore, Baner, Pune, Maharashtra 411045
www.cellbeans.com

IMPLEMENTATION APPROACH AND METHODOLOGY

The successful implementation of any product requires a combined team effort between the Users and CELLBEANS Healthcare Informatics Pvt. Ltd. System. Product Implementation techniques provides a well-defined milestone map with very clear objectives and timetables.
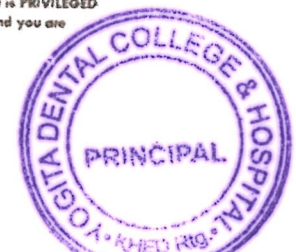
The following are the various activities in the implementation process: (As per prima facie analysis)

Sr. No.	Activity	Definition
1	REQUIREMENT COLLECTION AND ANALYSIS	In systems engineering and software engineering, requirements analysis encompasses those tasks that go into determining the needs or conditions to meet for a new or altered product or project, taking account of the possibly conflicting requirements of the various stakeholders, analyzing, documenting, validating and managing software or system requirements. Requirements analysis is critical to the success or failure of a systems or software project. The requirements should be documented, actionable, measurable, testable, traceable, related to identified business needs or opportunities, and defined to a level of detail sufficient for system design. Basic Pack Installation (Electronic License Delivery): Licensed versions to be demonstrated at the time of demonstration with functional explanation. Gap Analysis/ Requirements Gathering:Best screens which covers your requirements for all masters, transactions and reports against all mentioned modules will be finalized and will be signed from Client. Workflow finalization: After finalizing GAP Analysis, whatever is added in terms field additions in screens or functionality change or report change (column addition and deletion) will be considered and changed as per customization.
2	FEASIBILITY STUDY	The Application being configurable and to make it operational, the Master Configuration for Application is an important activity and based on which, the FEASIBILITY STUDY could be initiated. In case the system proposal is acceptable to the management, the next phase is to examine the feasibility of the system. The feasibility study is basically the test of the proposed system in the light of its workability, meeting user's requirements, effective use of resources and of course, the cost effectiveness.
3	URS/SRS DOCUMENT	URS: The User Requirements Specification describes the business needs for what users require from the system. User Requirements Specifications are written early in the validation process, typically before the system is created. They are written by the system owner and end-users, with input from Quality Assurance. Requirements outlined in the URS are usually tested in the Performance Qualification or User Acceptance Testing. User Requirements Specifications are not intended to be a technical document; readers with only a general knowledge of the system should be able to understand the requirements outlined in the URS. SRS: A software requirements specification (SRS) is a document that describes what the software will do and how it will be expected to perform. An SRS describes the functionality the product needs to fulfill all stakeholders (business, users) needs. The URS and SRS document is an official document and can be used for approvals and settlements as these are documents defining deliverable that will require the client's sign-off and approval.

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4	DESIGN	**Composition of Software Design:** The data design describes structures that reside within the software. Attributes and relationships between data objects dictate the choice of data structures. The architecture design uses information flowing characteristics, and maps them into the program structure. The transformation mapping method is applied to exhibit distinct boundaries between incoming and outgoing data. The data flow diagrams allocate control input, processing and output along three separate modules. The interface design (inappropriate link to "User Interface") describes internal and external program interfaces, as well as the design of human interface. Internal and external interface designs are based on the information obtained from the analysis model. The procedural design describes structured programming concepts using graphical, tabular and textual notations.
5	SDD DOCUMENT	Software Design Document or SDD; just design document; also Software Design Specification) is a written description of a software product, that a software designer writes in order to give a software development team overall guidance to the architecture of the software project.
6	CODING	Once we start working on software development, Coding or Development is the third phase of SDLC. Few points which we need to take care in this phase. Version control application required in this phase. Before begin the actual coding, you should spend some time on selecting development tool, which will be suitable for your debugging, coding, modification and designing needs. Before actual writing code, some standard should be defined, as multiple developers going to use the same file for coding. During development developer should write appropriate comments so that other developers will come to know the logic behind the code. Last but most important point. There should be a regular review meeting need to conduct in this stage. It helps to identify the prospective defects in an early stage. Helps to improve product and coding quality.
7	UNIT TEST	UNIT TESTING is a level of software testing where individual units/ components of a software are tested. The purpose is to validate that each unit of the software performs as designed. A unit is the smallest testable part of any software. It usually has one or a few inputs and usually a single output.
8	TESTING	Software testing is an investigation conducted to provide stakeholders with information about the quality of the software product or service under test. Software testing can also provide an objective, independent view of the software to allow the business to appreciate and understand the risks of software implementation. Test techniques include the process of executing a program or application with the intent of finding software bugs (errors or other defects), and verifying that the software product is fit for use. Software testing involves the execution of a software component or system component to evaluate one or more properties of interest. In general, these properties indicate the extent to which the component or system under test: o meets the requirements that guided its design and development, o responds correctly to all kinds of inputs, o performs its functions within an acceptable time, it is sufficiently usable, o can be installed and run in its intended environments, and achieves the general result its stakeholders desire. Testing levels

		o Unit testing
		o Integration testing
		o System testing
		o Operational acceptance testing
		Testing Techniques and Tactics
		o Installation testing
		o Compatibility testing
		o Smoke and sanity testing
		o Regression testing
		o Acceptance testing
9	INTEGRATION TEST	Integration testing is any type of software testing that seeks to verify the interfaces between components against a software design. Software components may be integrated in an iterative way or all together ("big bang"). Normally the former is considered a better practice since it allows interface issues to be located more quickly and fixed.
		Integration testing works to expose defects in the interfaces and interaction between integrated components (modules). Progressively larger groups of tested software components corresponding to elements of the architectural design are integrated and tested until the software works as a system.
10	UAT	In software development, user acceptance testing (UAT) - also called beta testing, application testing, and end user testing - is a phase of software development in which the software is tested in the "real world" by the intended audience.
11	FAT	Acceptance testing conducted at the site at which the product is developed and performed by employees of the supplier organization, to determine whether or not a component or system satisfies the requirements, normally including hardware as well as software.
12	READINESS	Software Maturity Test that examine the software in production environment and check the fulfillment of the objective defined for the project. With the Necessary approvals from the stakeholders, GoLive can be planned and executed.
13	LIVE	Software becomes operational.

About CellBeans MedSeva™

CellBeans MedSeva™ software, completely written in JAVA Technologies and supports MySQL and on any JAVA enabled Operating System.It is built in Java and uses an XML / JSON Interface to exchange data.Hence it is fully platform independent: all Windows Servers, UNIX Servers, and LINUX Servers Installation

Technology Stack

- Front end: Angular 4.0, Typescript, HTML5, CSS3, Bootstrap3,
- Back end: Springboot, Java\, ORM, JPA,
- Database: MySQL
- MIS and Reports: Jasper Report
- Application Integration: API, HL7, DB, Rest API

Minimum Hardware Requirements

- 3.0 GHz Intel Xeon or AMD Athlon MP processor or better (Quad Core)
- 8 GB RAM or higher
- 500 GB of free disk space

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- Ethernet network interface

Operating System (Any One)
- Windows 2008 Standard or Enterprise Server or higher (64-bit)
- Red Hat Enterprise Linux 6 or Higher (64-bit)
- CentOS Linux 7 (64-bit)
- Ubuntu 16 (64-bit)

Additional Software
- Java Runtime Environment 1.7 or later (64-bit)
- Open Office 4.1.1 or later
- PDF Viewer
- For Application Deployment: Apache Tomcat 8.0 or Higher, MySQL Workbench

Supported Browsers
- Google Chrome
- Microsoft Edge
- Mozilla Firefox

Interoperability (CBHI Web Based MedSevaTM Patient Information Management System)

Web Cam | Printer & Scanner | Barcode | Lab Machine | Radiology Modalities | Queue Management System | Patient Portal

Mobile Apps | Financial Accounting System | Payment Portals | Card Payment Collection Kiosk | Vital Tracker Machine | Video Conf Tools | Patient Card Printer

Security

CellBeans Application Security Features
1. Secured database Login
2. User Security through Password Policies
3. Audit Trail of each user activities
4. Data sharing in Encrypted Formats
5. Important data storage in Encrypted Formats

Security handled at the time of Implementation
1. Securing the Web Server (SSL Certificates) using https protocol instead of http
2. Configuring DNS Security
3. Configuring Firewall Security

Standard and Compliances

ICD 10, CPT, HCPCS, NUBC, HL7, HSN